Stephen CARLEY
"System and Method for Providing Composite
Variance Analysis for Network Operation"
Attorney Docket No. 39685-0040

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```
┌─────────────────┐
│    COLLECT      │ ╱ 110
│     DATA        │
└─────────────────┘
         │
         ▼
┌─────────────────┐
│    REQUEST      │ ╱ 120
│    METRICS      │
└─────────────────┘
         │
         ▼
┌─────────────────┐
│  PERFORM CVA    │ ╱ 130
│  ON REQUESTED   │
│     DATA        │
└─────────────────┘
         │
         ▼
┌─────────────────┐
│    COMPARE      │ ╱ 132
│   STATISTICS    │
└─────────────────┘
         │
         ▼
┌─────────────────┐
│   HIGHLIGHT     │ ╱ 134
│  OUT OF CONTROL │
│   STATISTICS    │
└─────────────────┘
         │
         ▼
┌─────────────────┐
│     REPORT      │ ╱ 140
└─────────────────┘
```

FIG._1 ╲ 100

Stephen CARLEY
"System and Method for Providing Composite
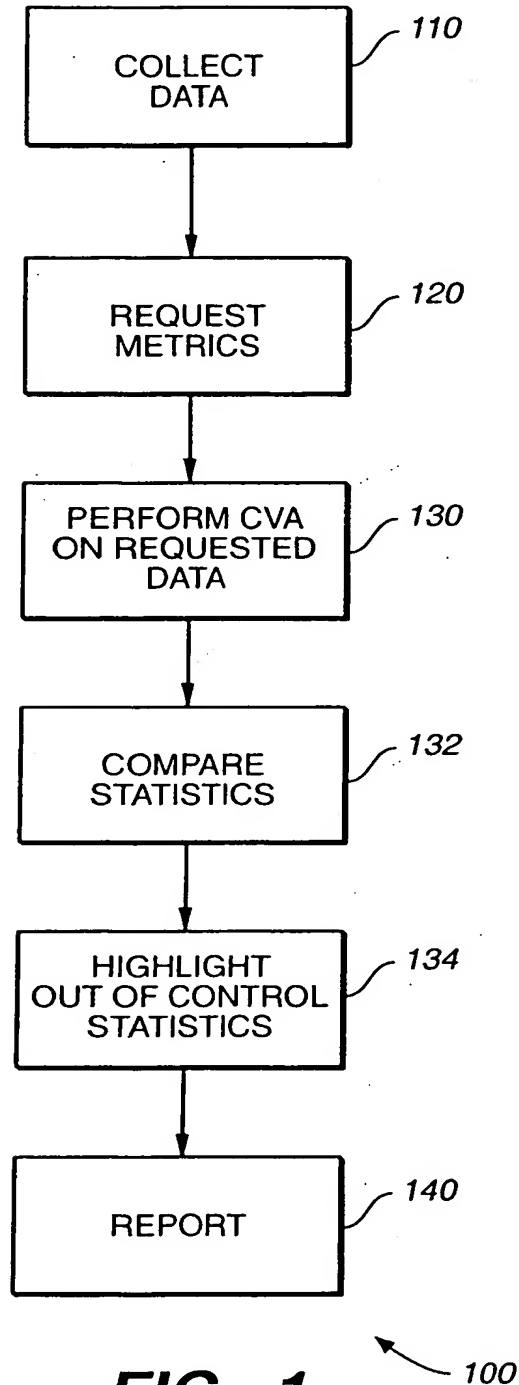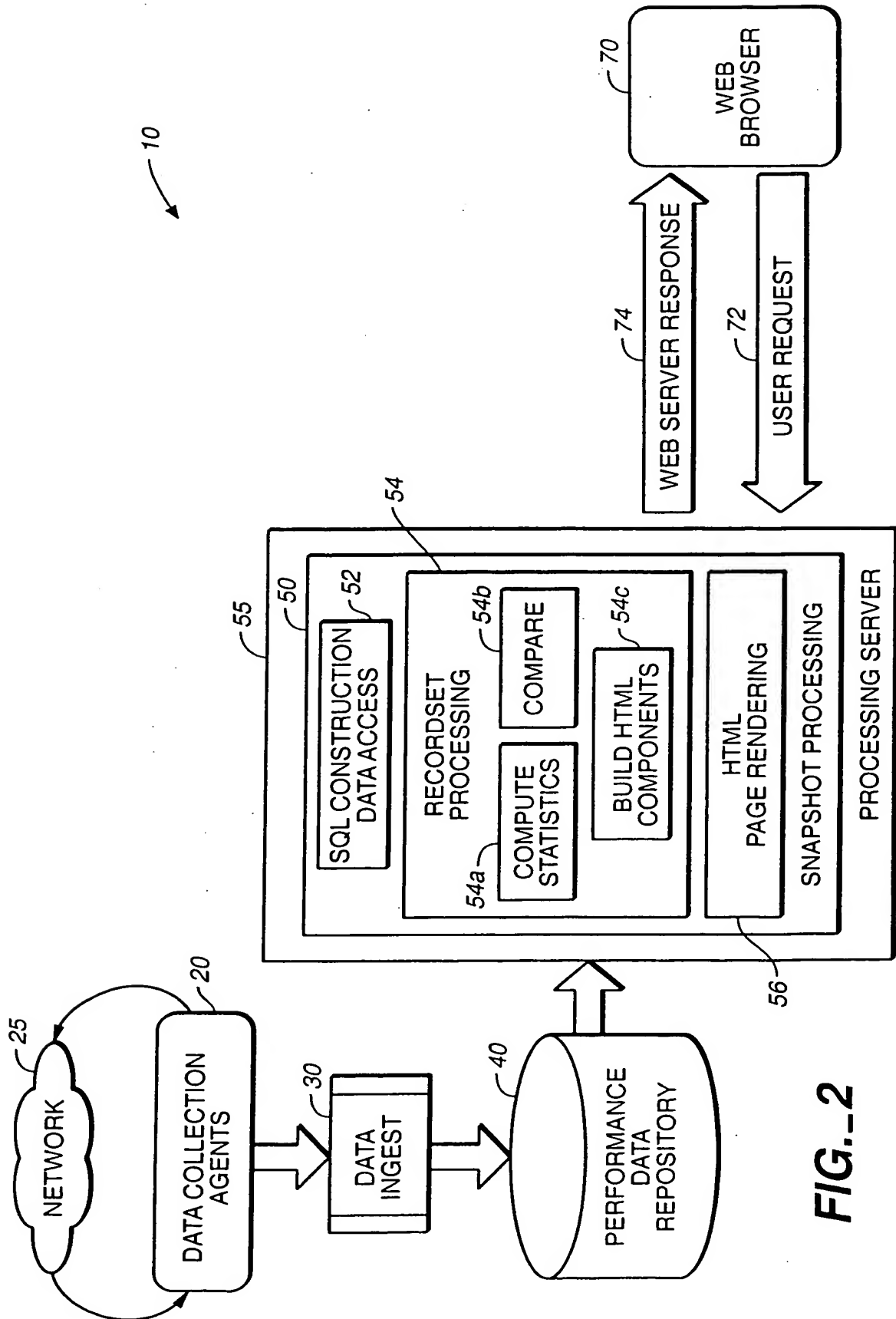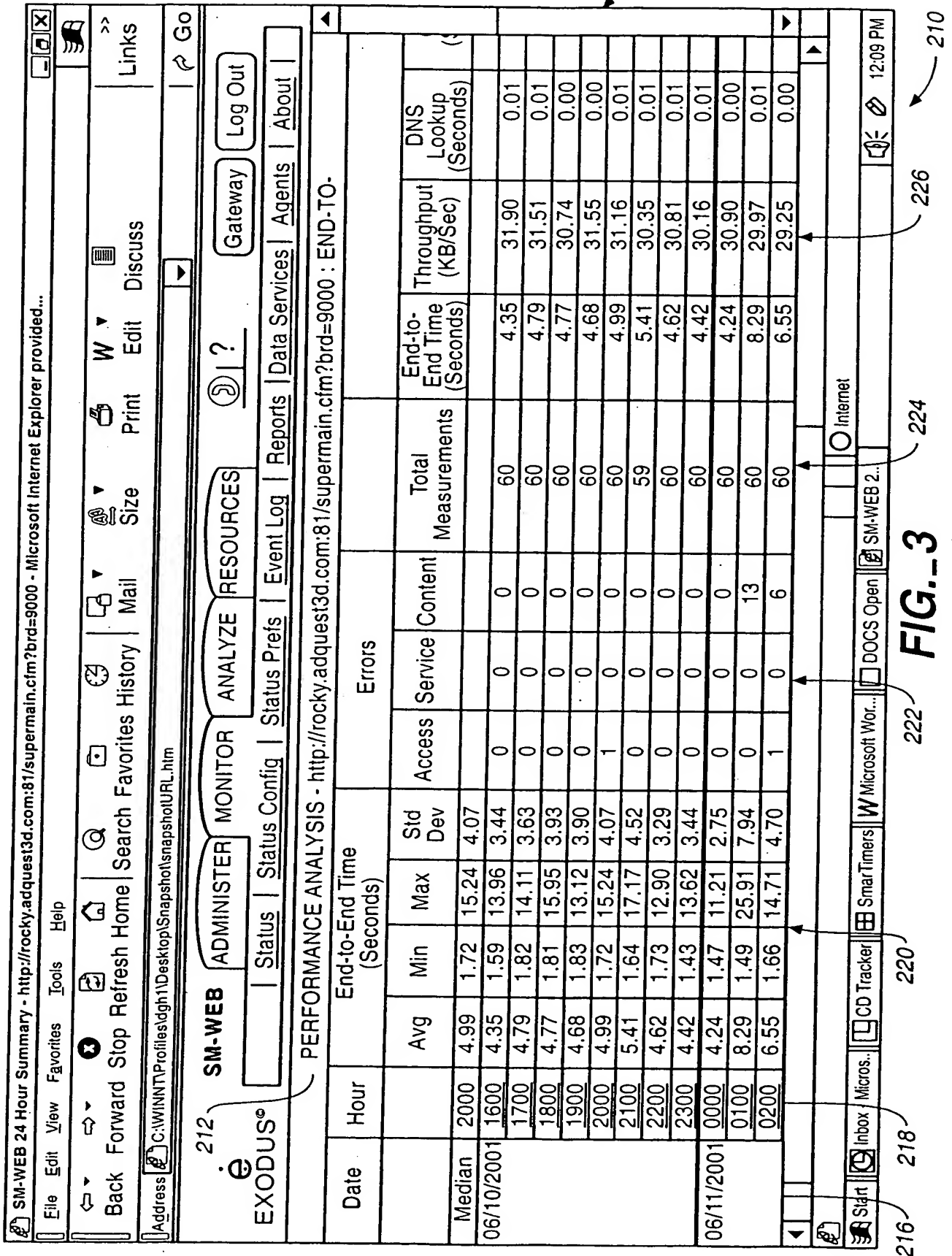Variance Analysis for Network Operation"
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FIG._2

SM-WEB 24 Hour Summary - http://rocky.adquest3d.com:81/supermain.cfm?brd=9000 - Microsoft Internet Explorer provided...

File   Edit   View   Favorites   Tools   Help

Back   Forward   Stop   Refresh   Home   Search   Favorites   History   Mail   Print   Size   Edit   Discuss   Links

Address   C:\WINNT\Profiles\dgh1\Desktop\Snapshot\snapshotURL.htm

EXODUS®   SM-WEB   ADMINISTER   MONITOR   ANALYZE   RESOURCES   Gateway   Log Out

Status | Status Config | Status Prefs | Event Log | Reports | Data Services | Agents | About

PERFORMANCE ANALYSIS - http://rocky.adquest3d.com:81/supermain.cfm?brd=9000 : END-TO-

Date	Hour	End-to-End Time (Seconds)				Errors			Total Measurements	End-to-End Time (Seconds)	Throughput (KB/Sec)	DNS Lookup (Seconds)
		Avg	Min	Max	Std Dev	Access	Service	Content				
Median		4.99	1.72	15.24	4.07							
06/10/2001	1600	4.35	1.59	13.96	3.44	0	0	0	60	4.35	31.90	0.01
	1700	4.79	1.82	14.11	3.63	0	0	0	60	4.79	31.51	0.01
	1800	4.77	1.81	15.95	3.93	0	0	0	60	4.77	30.74	0.00
	1900	4.68	1.83	13.12	3.90	0	0	0	60	4.68	31.55	0.00
	2000	4.99	1.72	15.24	4.07	1	0	0	60	4.99	31.16	0.01
	2100	5.41	1.64	17.17	4.52	0	0	0	59	5.41	30.35	0.01
	2200	4.62	1.73	12.90	3.29	0	0	0	60	4.62	30.81	0.01
	2300	4.42	1.43	13.62	3.44	0	0	0	60	4.42	30.16	0.01
06/11/2001	0000	4.24	1.47	11.21	2.75	0	0	0	60	4.24	30.90	0.00
	0100	8.29	1.49	25.91	7.94	0	0	13	60	8.29	29.97	0.01
	0200	6.55	1.66	14.71	4.70	1	0	6	60	6.55	29.25	0.00

Internet

Start | Inbox / Micros... | CD Tracker | SmarTimers | Microsoft Wor... | DOCS Open | SM-WEB 2...   12:09 PM

FIG._3

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SM-WEB 24 Hour Summary - http://rocky.adquest3d.com:81/supermain.cfm?brd=9000 - Microsoft Internet Explorer provided...

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home | Search Favorites History | Mail Print Edit Discuss Size

Address C:\WINNT\Profiles\dgh1\Desktop\SnapshotsnapshotURL.htm

EXODUS®

SM-WEB

ADMINISTER MONITOR ANALYZE RESOURCES   Gateway Log Out

| Status | Status Config | Status Prefs | Event Log | Reports | Data Services | Agents | About |

//rocky.adquest3d.com:81/superman.cfm?brd=9000 : END-TO-END TIME : STATUS DCA GROUP

Performance Detail

Errors	Content	Total Measurements	End-to-End Time (Seconds)	Throughput (KB/Sec)	DNS Lookup (Seconds)	Connect Time (Seconds)	Request Time (Seconds)	Response Time (Seconds)	Teardown Time (Seconds)	Download Time (Seconds)
0	0	60	4.35	31.90	0.01	0.07	0.00	0.67	0.00	0.09
0	0	60	4.79	31.51	0.01	0.07	0.00	0.76	0.00	0.09
0	0	60	4.77	30.74	0.00	0.08	0.00	0.67	0.00	0.10
0	0	60	4.68	31.55	0.00	0.08	0.00	0.69	0.00	0.10
0	0	60	4.99	31.16	0.01	0.07	0.00	0.76	0.00	0.12
0	0	59	5.41	30.35	0.01	0.09	0.00	0.75	0.00	0.10
0	0	60	4.62	30.81	0.01	0.07	0.00	0.86	0.00	0.10
0	0	60	4.42	30.16	0.01	0.07	0.00	0.69	0.00	0.10
0	0	60	4.24	30.90	0.00	0.07	0.00	0.60	0.00	0.08
0	13	60	8.29	29.97	0.01	0.07	0.00	0.77	0.00	0.11
0	6	60	6.55	29.25	0.00	0.09	0.00	0.65	0.00	0.09

Internet

Start | Inbox - Micros... | CD Tracker | SmarTimers | Microsoft Wor... | DOCS Open | SM-WEB 2...   1:46 PM

210

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FIG._4

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SM-WEB 24 Hour Summary - http://rocky.adquest3d.com:81/supermain.cfm?brd=9000 - Microsoft Internet Explorer provided...

File   Edit   View   Favorites   Tools   Help

Back   Forward   Stop   Refresh   Home | Search   Favorites   History | Mail   Print   Size   Edit   Discuss   Links

Address C:\WINNT\Profiles\dgh1\Desktop\SnapshotSnapshotURL.htm   Go

SM-WEB   ADMINISTER   MONITOR   ANALYZE   RESOURCES   Gateway   Log Out

EXODUS®

06/11/2001	Status	Status	Status Config	Status Prefs	Event Log	Reports	Data Services	Agents	About
2300	4.42	1.43	13.62	3.44	0	0	60	4.42	30.16	0.01
0000	4.24	1.47	11.21	2.75	0	0	60	4.24	30.90	0.00
0100	8.29	1.49	25.91	7.94	0	13	60	8.29	29.97	0.01
0200	6.55	1.66	14.71	4.70	1	6	60	6.55	29.25	0.00
0300	5.10	1.48	11.45	3.46	1	3	60	5.10	28.99	0.01
0400	4.49	1.62	18.34	4.43	0	0	60	4.49	30.97	0.01
0500	4.67	1.65	14.40	3.60	0	0	60	4.67	33.42	0.01
0600	4.98	1.88	14.28	3.48	0	0	60	4.98	29.39	0.00
0700	5.52	1.93	13.96	3.62	0	22	60	5.52	29.80	0.01
0800	6.57	1.76	18.15	4.88	0	0	60	6.57	29.52	0.00
0900	5.94	2.35	16.23	4.02	1	0	60	5.94	28.98	0.01
1000	13.58	3.46	23.56	5.09	2	13	60	13.59	26.90	0.01
1100	5.79	2.08	12.48	3.21	4	1	60	5.79	29.82	0.01
1200	5.86	2.08	13.41	3.33	1	1	60	5.86	29.33	0.00
1300	4.60	2.03	11.64	2.83	0	0	60	4.60	29.69	0.01
1400	5.94	1.89	14.56	3.42	0	0	20	5.94	30.67	0.01
1500	-	-	-	-	0	0	0			

□ = Exceeded Warning Control Limit   □ = Exceeded Control Limit

Internet

Start | Inbox - Micros... | DOCS Open | W Microsoft Wor... | SM-WEB 24 H...   4:47 PM

FIG._5